

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	COLTHURST.in. near2 JAMES.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:15
S3	15	US-4112923-\$.DID. OR US-4630615-\$.DID. OR US-4646744-\$.DID. OR US-4694840-\$.DID. OR US-4917093-\$.DID. OR US-4944302-\$.DID. OR US-5251637-\$.DID. OR US-5339827-\$.DID. OR US-6301500-\$.DID. OR US-6584358-\$.DID. OR US-6662051-\$.DID. OR US-6760627-\$.DID. OR US-6792315-\$.DID. OR US-6853863-\$.DID. or US-4541432-\$.did.	USPAT	OR	ON	2007/06/21 16:01
S6	9	US-20010032098-\$.DID. OR US-20020026225-\$.DID. OR US-20020095080-\$.DID. OR US-20030208248-\$.DID. OR US-20040082979-\$.DID. or US-20040204962-\$.DID. OR US-20050033381-\$.DID. OR US-20050187591-\$.DID. OR US-20050043775-\$.DID.	US-PGPUB	OR	ON	2007/08/27 14:43
S7	4	"4408617".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:22
S8	46	("4408617").URPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:39

## EAST Search History

S9	962	607/1-3,46-52,63,64.ccls. and impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:39
S10	656	607/1-3,46-52,63,64.ccls. and impedance and detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:40
S11	277	607/1-3,46-52,63,64.ccls. and (impedance same detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 15:40
S12	43	("4112923").URPN.	USPAT	OR	ON	2007/08/27 16:19
S13	1162	600/547.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/27 16:35
S14	232	607/62.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/27 16:47
S16	291	S13 and AC	US-PGPUB; USPAT	OR	ON	2007/08/27 18:17

## EAST Search History

S17	35	(US-20050187591-\$ or US-20020095080-\$ or US-20050043775-\$ or US-20050033381-\$ or US-20040204962-\$ or US-20040082979-\$ or US-20030208248-\$ or US-20020026225-\$ or US-20010032098-\$ or US-20070129759-\$ or US-20060270942-\$ or US-20040122336-\$).did. or (US-6853863-\$ or US-6792315-\$ or US-6760627-\$ or US-6662051-\$ or US-6584358-\$ or US-6301500-\$ or US-5339827-\$ or US-5251637-\$ or US-4944302-\$ or US-4541432-\$ or US-4917093-\$ or US-4694840-\$ or US-4646744-\$ or US-4630615-\$ or US-4112923-\$ or US-4408617-\$ or US-5012816-\$ or US-6622048-\$ or US-4706674-\$ or US-4016870-\$ or US-6952606-\$ or US-4805621-\$ or US-3789834-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/28 10:52
S18	10	S17 and sinusoidal	US-PGPUB; USPAT	OR	ON	2007/08/28 10:54
S19	1	S17 and decay	US-PGPUB; USPAT	OR	ON	2007/08/28 10:55
S20	1380	ac and waveform and sinusoidal and decay\$3	US-PGPUB; USPAT	OR	ON	2007/08/28 10:55
S21	962	607/1-3,46-52,63,64.ccls. and impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:33
S22	1163	600/547.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/28 10:56
S23	232	607/62.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/28 10:56
S24	55	600/548.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/28 11:25
S25	36	ac and waveform and sinusoidal and decay\$3 and (S22 S21 S23 S24)	US-PGPUB; USPAT	OR	ON	2007/08/28 11:05
S26	21	ac and waveform and sinusoidal and exponential and (S22 S21 S23 S24)	US-PGPUB; USPAT	OR	ON	2007/08/28 11:05

## EAST Search History

S27	39	ac and waveform and sinusoidal and exponential\$3 and (S22 S21 S23 S24)	US-PGPUB; USPAT	OR	ON	2007/08/28 11:16
S28	1	ac and sinusoidal and exponential\$3 and (S22 S21 S23 S24) not S27	US-PGPUB; USPAT	OR	ON	2007/08/29 09:35
S29	12	ac and waveform and decay and exponential\$3 and (S22 S21 S23 S24) not S27 not S25	US-PGPUB; USPAT	OR	ON	2007/08/30 15:07
S30	2	600/548.ccls. and decay\$3	US-PGPUB; USPAT	OR	ON	2007/08/28 11:26
S31	1	600/548.ccls. and sine	US-PGPUB; USPAT	OR	ON	2007/08/28 11:26
S32	3157	607/1-3,46-52,63,64.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 11:33
S33	7	ac and sinusoidal and exponential\$3 and (S22 S23 S24 S32) not S27	US-PGPUB; USPAT	OR	ON	2007/08/28 11:33
S34	1	("5339827").URPN.	USPAT	OR	ON	2007/08/28 11:54
S35	1	"4016870".pn.	USPAT	OR	ON	2007/08/28 14:07
S37	0	"84307113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 14:08
S40	2	"4694840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:20
S41	962	607/1-3,46-52,63,64.ccls. and impedance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:35
S42	1163	600/547.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/29 09:35

## EAST Search History

S43	232	607/62.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/29 09:35
S44	55	600/548.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/29 09:35
S45	39	ac and waveform and sinusoidal and exponential\$3 and (S42 S41 S43 S44)	US-PGPUB; USPAT	OR	ON	2007/08/29 09:35
S46	220	ac and threshold and impedance and (S42 S41 S43 S44) not S45	US-PGPUB; USPAT	OR	ON	2007/08/29 09:36
S47	194	ac and threshold and impedance and (S42 S41 S43 S44) not S45 and pulse	US-PGPUB; USPAT	OR	ON	2007/08/29 10:12
S48	1	"6584358".pn.	US-PGPUB; USPAT	OR	ON	2007/08/29 10:12
S49	144	128/907.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:15
S50	76	ac and waveform and decay and exponential\$3 and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:08
S51	201	ac and waveform and decay and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:08
S52	71	ac and waveform and sinusoidal and decay and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:08
S53	5	ac and waveform and sinusoidal same decay and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:09
S54	33	sinusoidal same decay and "600". clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:12
S55	25	sinusoidal same decay and "607". clas.	US-PGPUB; USPAT	OR	ON	2007/08/30 15:15
S56	311	"ringing waveform"	US-PGPUB; USPAT	OR	ON	2007/08/30 15:17
S57	4	"ringing waveform" and ("600". clas. or "607".clas.)	US-PGPUB; USPAT	OR	ON	2007/08/30 15:46
S58	13	"ringing waveform" and medical	US-PGPUB; USPAT	OR	ON	2007/08/30 15:17

## EAST Search History

S59	41	(US-20050043775-\$ or US-20010032098-\$ or US-20050033381-\$ or US-20040122336-\$ or US-20070129759-\$ or US-20060270942-\$ or US-20050187591-\$ or US-20020095080-\$ or US-20030208248-\$ or US-20020026225-\$ or US-20040082979-\$ or US-20040204962-\$).did. or (US-5251637-\$ or US-6662051-\$ or US-6301500-\$ or US-6622048-\$ or US-3789834-\$ or US-5012816-\$ or US-5620463-\$ or US-3894532-\$ or US-4805621-\$ or US-4112923-\$ or US-4706674-\$ or US-4016870-\$ or US-6952606-\$ or US-4408617-\$ or US-6584358-\$ or US-6760627-\$ or US-4541432-\$ or US-4630615-\$ or US-4944302-\$ or US-6853863-\$ or US-4917093-\$ or US-4694840-\$ or US-4646744-\$ or US-6792315-\$ or US-5339827-\$ or US-5385150-\$).did. or (US-6285905-\$ or US-6122223-\$). did. or (EP-145176-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/30 15:21
S60	39	S59 and current	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/30 15:21
S61	1658	"pulse waveform" and ("600".clas. or "607".clas.)	US-PGPUB; USPAT	OR	ON	2007/08/30 15:47
S62	238	"pulse waveform" and decay and ("600".clas. or "607".clas.)	US-PGPUB; USPAT	OR	ON	2007/08/30 15:47
S63	140	"pulse waveform" and decay and ("600".clas. or "607".clas.) and impedance	US-PGPUB; USPAT	OR	ON	2007/08/30 15:47